

FIG. 1A, PRIOR ART

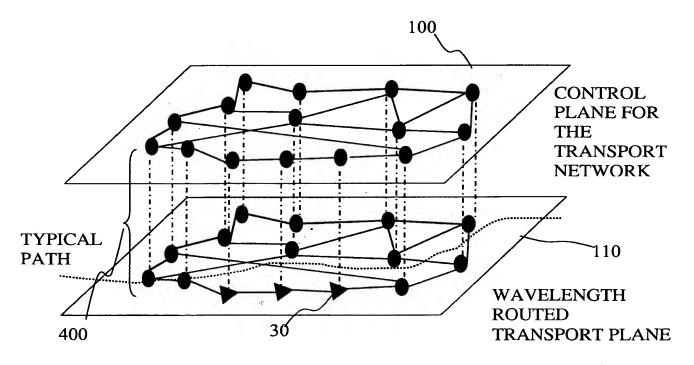


FIG. 1B, PRIOR ART

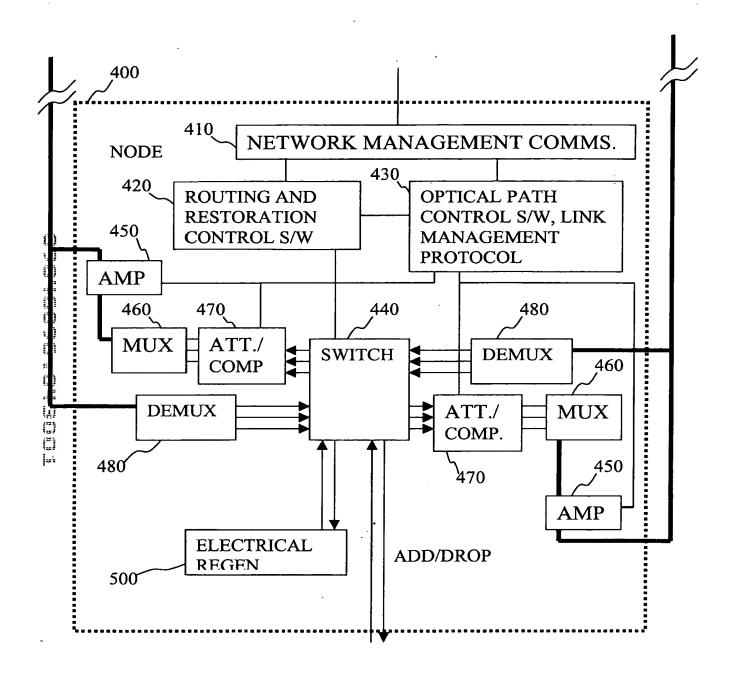


FIG. 2, PRIOR ART, OVERALL SCHEMATIC VIEW OF A NODE FOR USE IN THE WAVELENGTH ROUTED MESH NETWORK OF FIG. 1A OR 1B.

FIG. 3

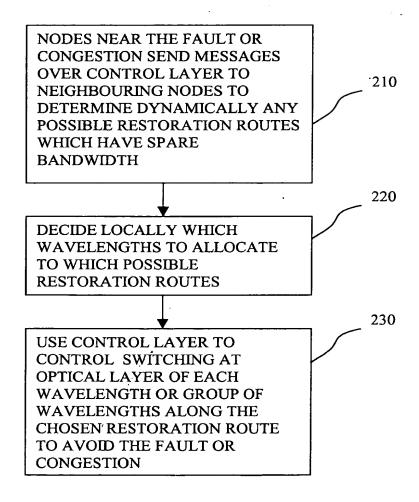
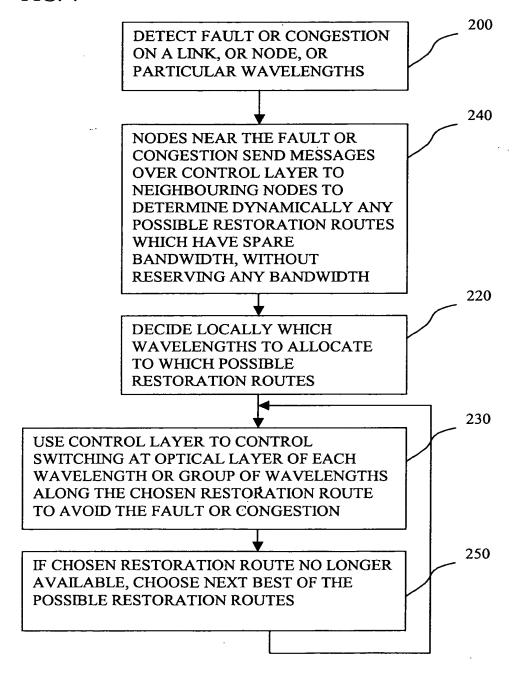
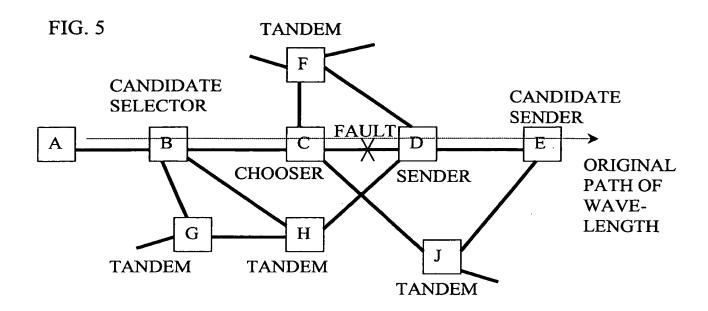


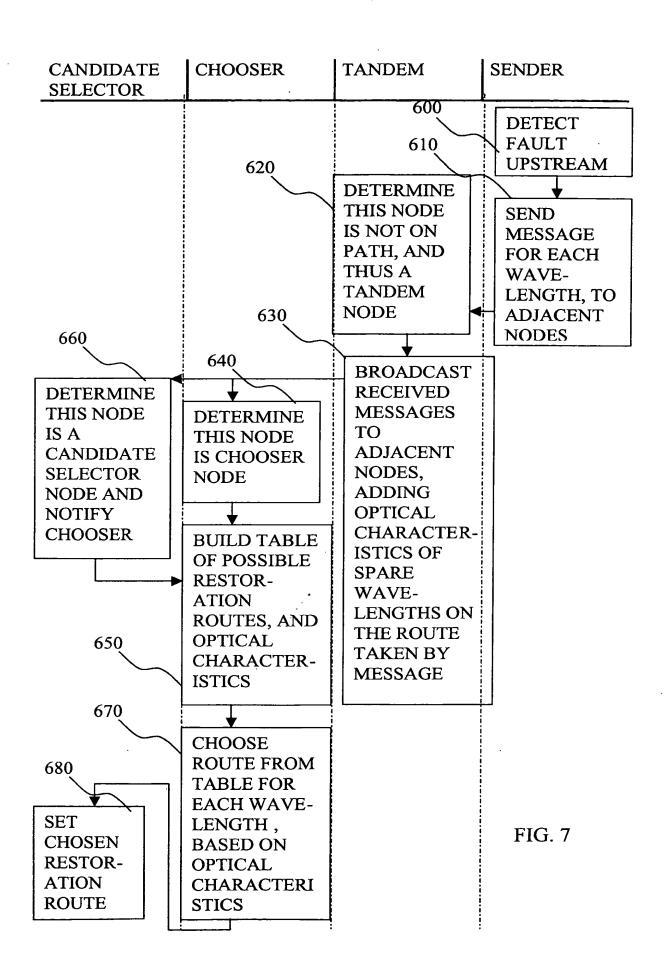
FIG. 4

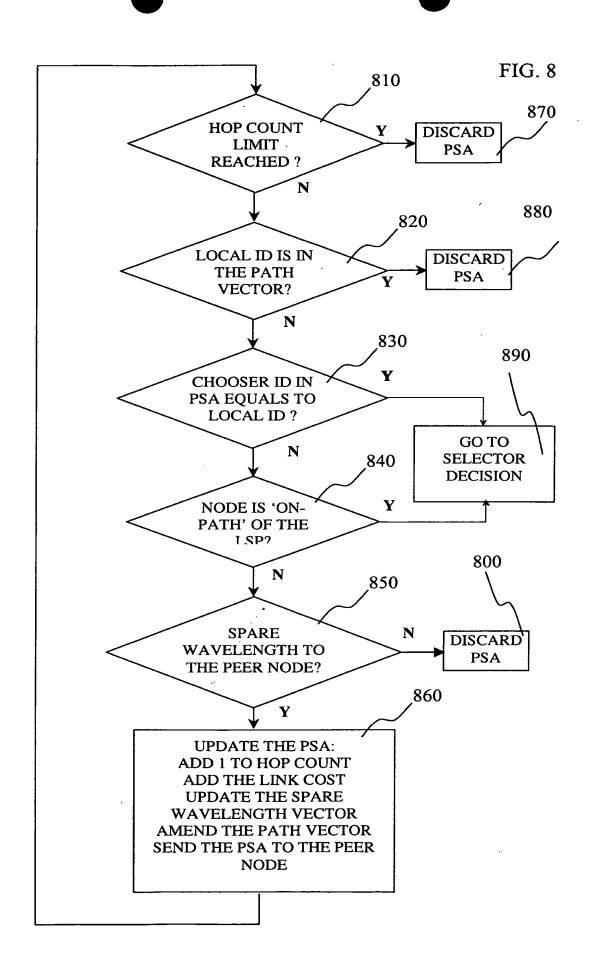


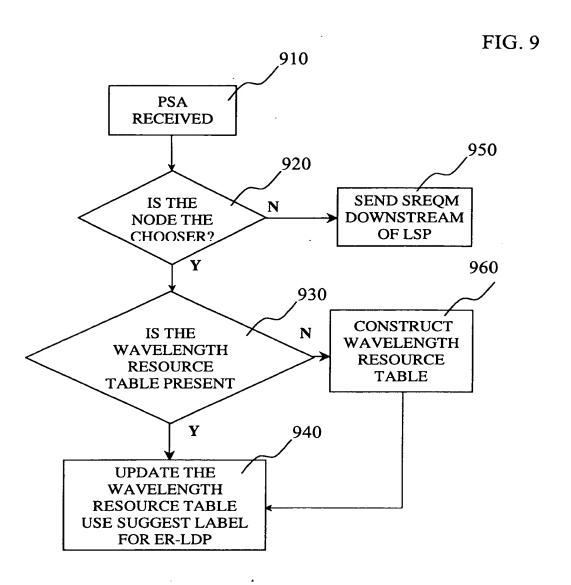


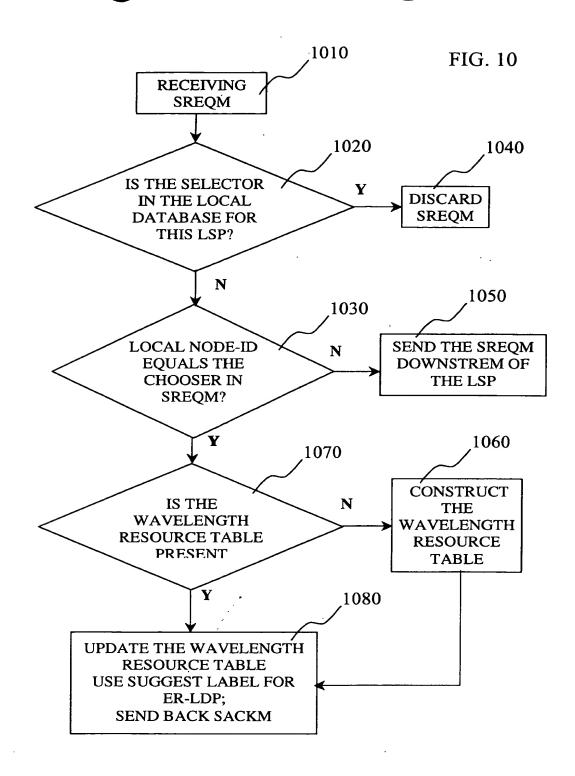
ROUTE	SPARE WAVE- LENGTHS	DISPERSION	LOSS	SNR
ABGHDE	BG=3	BG=10	BG=1.3	BG=4
	GH=4	GH=5	GH=4.1	GH=3
	HD=7	HD=2	HD=2.3	HD=2
ABCFDE	CF=1	CF=1	CF=4.1	CF=5
	FD=10	FD=3	FD=3.0	FD=10
ABCJE	CJ=4	CJ=4	CJ=1.1	CJ=4
·	JE=3_	JE=3	JE=3.2	JE=3
ABHDE	BH=1	BH=5	BH=2.2	BH=4
	HD=2	HD=6	HD=4.3	HD=5

FIG. 6









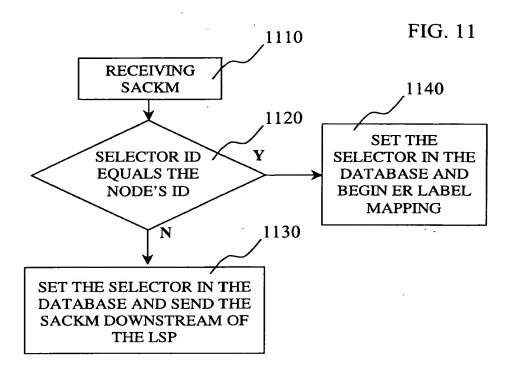


FIG. 12

